



Material Handling and Transportation Logistics

10–12 October 2017
Louisville, Ky., USA
The Seelbach Hilton Louisville





About the Program

This seminar is a combined effort of the Material Handling and Transportation & Logistics Technology Committees. The program is developed to address the complexities of moving steel safely, effectively and efficiently. The steel industry is changing at an alarming rate and the focus of this seminar is to ensure the movement of steel changes along with it. The program will address the development of advanced material handling methods and technologies for within and outside of the steel plant. In addition to classroom instruction, attendees will receive the added bonus of three unique tours. These tours have been arranged to share experience and expertise in material handling. The tours will be at the UPS Worldport, which is the largest fully automated package handling facility in the world; the Amazon Fulfillment Center; and Jeffboat, which is one of the nation's largest inland barge and shipbuilder.

Who Should Attend

All plant personnel who wish to gain an understanding of technology as it applies to safely moving through the material cycle, including trucking regulations and supplies to the mill, both internally within the mill and direct to the customer. Anyone who has responsibility for the above, including: plant managers; material handling and shipping engineers, planners, technical engineers, operators, and management; safety, service, design and cost engineers; third-party mill groups; suppliers and customers.



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Organized By

AIIST's Material Handling and Transportation & Logistics Technology Committees.

Schedule of Events

Tuesday, 10 October 2017

7 a.m.

Registration and Breakfast

8 a.m.

Best Practices in Shipping and Material Handling — A Nucor Perspective

Rob Roberson, Nucor Corp.

8:30 a.m.

Safely Working Around Heavy Mobile Equipment

Malcom Dunbar, Edw. C. Levy Co.

Heavy mobile equipment is essential in the steelmaking process. This presentation discusses the safety risks surrounding heavy mobile equipment safety and discusses strategies to improve safety.

9:45 a.m.

Break

10 a.m.

Today's Forklift Operations

Hal Nowell, Taylor Machine Works Inc.

Discussion of new technology and safety in today's forklift operations.

10:45 a.m.

Trucking Regulations

John Drake, American Trucking Associations

An update on trucking-specific regulations and their impact on the industry.

11:45 a.m.

Lunch

1 p.m.

Logistic Site Organization

Dave Thomson, Engineered Rail Solutions LLC

Review of how transloads are used to expand the reach of rail, how to identify challenges with existing processes and transloaders, and how to develop solutions with your transload network.

1:45 p.m.

Overhead Crane Safety (Management Perspective)

Ted L. Blanton Sr., North American Crane Bureau Inc.

Topics covered will include operator qualifications, inspection requirements, lift planning and incident/accident statistics.

2:30 p.m.

Break

2:45 p.m.

Tracking Systems/Yard Management

Mudrad Guhya, eMeasurematics Inc

Coil and slab tracking systems, yard management real-time tracking, and management of inventory and vehicles will be discussed.

3:30 p.m.

Break

4 p.m.

Railroad Safety

Mark Barnum, Transportation Certification Services

The Switching Operations Fatalities Analysis (SOFA) Working Group is an industry partnership that looks for commonalities among the fatalities that occurred during switching in order to develop recommendations to prevent railroad employee deaths.

5 p.m.

Reception

Wednesday, 11 October 2017

7 a.m.
Breakfast

8 a.m.
Tire Safety and Longevity
Devin Waters, Bridgestone OTR Group

8:30 a.m.
Barge Cover Handling
Bobby King, Greenfield Products
Discussion will focus on a new product for handling barge covers that does not require workers to be on a barge.

9 a.m.
Break

9:15 a.m.
Cummins Westport Natural Gas Engines
William Boyce, Cummins Westport Inc.
Increasingly, businesses are seeing the value of low-emission, high-performing natural gas engines — for both the environment and for their bottom line.

10 a.m.
Break

10:15 a.m.
The Five Essential Questions of Fatigue Risk Management
Mark Dowsett, Caterpillar
Through five essential questions, this presentation explores how to effectively assess fatigue and distraction risk to your business while discovering opportunities to mitigate the invisible threat.

11 a.m.
Break

11:15 a.m.
AGV Technology and Mill Applications
Chuck Russell, Transbotics
A review of automatic guided vehicle technology today and its potential application in steel mills.

Noon
Lunch

1 p.m.
Plant Tour of UPS Worldport 

5 p.m.
Return From Tour and Adjoin

Thursday, 12 October 2017

7 a.m.
Breakfast

8 a.m.
Plant Tours of Amazon Fulfillment Center and Jeffboat 

Noon
Return From Plant Tours and Conference Adjoin

Registration

AIST Members

US\$845

by 29 August 2017

US\$945

after 29 August 2017

Non-Members

US\$1,060

by 29 August 2017

US\$1,160

after 29 August 2017

Registration Includes

Breakfasts and lunches Tuesday and Wednesday, continental breakfast Thursday, reception, plant tours with bus transportation, and a course workbook or flash drive including presentations.

Hotel Accommodations

A block of rooms has been reserved at the The Seelbach Hilton Louisville. Please call the hotel at +1.800.333.3399 by 18 September 2017 to secure the AIST discount rate of US\$159 per night for single/double occupancy.



Featured Plant Tours
UPS Worldport, Amazon
Fulfillment Center and Jeffboat

Upcoming Events

- > **Managing Technology — Big River Steel**
12–14 September 2017
Sheraton Memphis Downtown Hotel > Memphis, Tenn., USA
- > **Sheet Processing and Finishing Lines — A Practical Training Seminar**
17–21 September 2017
Ann Arbor Marriott Ypsilanti at Eagle Crest > Ypsilanti, Mich., USA
- > **Continuous Casting**
16–19 October 2017
Courtyard by Marriott Fort Wayne Downtown > Fort Wayne, Ind., USA
- > **Secondary Steelmaking Refractories — A Practical Training Seminar**
23–26 October 2017
The Westin Milwaukee > Milwaukee, Wis., USA



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